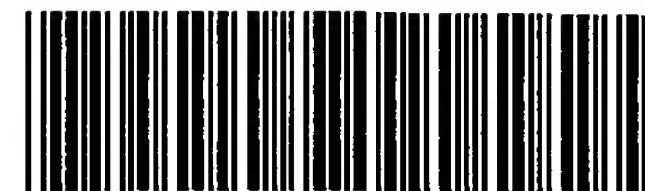


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/579,500
Source: IFWP
Date Processed by STIC: 5/25/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/25/2006

PATENT APPLICATION: US/10/579,500

TIME: 09:36:31

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

3 <110> APPLICANT: PTC Therapeutics, Inc.
 4 Mehta, Anuradha
 5 Trotta, Christopher Robert
 7 <120> TITLE OF INVENTION: Methods and Agents for Screening for Compounds
 Capable of
 8 Modulating Her2 Expression
 10 <130> FILE REFERENCE: 19025.024
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/579,500
 C--> 13 <141> CURRENT FILING DATE: 2006-05-16
 15 <150> PRIOR APPLICATION NUMBER: US 60/520,384
 16 <151> PRIOR FILING DATE: 2003-11-17
 18 <160> NUMBER OF SEQ ID NOS: 30
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 73
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Synthetic construct
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 33 ggggagaatg ggt 73
 36 <210> SEQ ID NO: 2
 37 <211> LENGTH: 3768
 38 <212> TYPE: DNA
 39 <213> ORGANISM: Homo sapiens
 41 <400> SEQUENCE: 2
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 44 gcgagcacc aagtgtgcac cggcacagac atgaagctgc ggctccctgc cagtcccag 120
 46 acccacctgg acatgctccg ccacctctac cagggctgcc aggtggtgca gggaaacctg 180
 48 gaactcacct acctgcccac caatgccagc ctgtccttcc tgcaggatat ccaggaggtg 240
 50 cagggctacg tgctcatcgc tcacaaccaa gtgaggcagg tcccactgca gaggctgcgg 300
 52 attgtgagag gcacccagct ctttgaggac aactatgccc tggccgtgct agacaatgga 360
 54 gacccgctga acaataccac ccctgtcaca ggggcctccc caggaggcct gcgggagctg 420
 56 cagcttcgaa gcctcacaga gatcttgaaa ggaggggtct tgatccagcg gaacccccag 480
 58 ctctgctacc aggacacgat tttgtggaag gacatcttcc acaagaacaa ccagctggct 540
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 62 ggctcccgtg gctggggaga gagttctgag gattgtcaga gcctgacgag cactgtctgt 660
 64 gccggtggct gtgcccgtg caaggggcca ctgcccactg actgctgcca tgagcagtgt 720
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 68 agtggcatct gtgagctgca ctgcccagcc ctggtcacct acaacacaga cacgtttgag 840
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 72 tacaactacc tttctacgga cgtgggatcc tgcaccctcg tctgccccct gcacaaccaa 960
 74 gaggtgacag cagaggatgg aacacagcgg tgtgagaagt gcagcaagcc ctgtgcccga 1020

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006

TIME: 09:36:31

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

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78 atccaggagt ttgctggctg caagaagatc tttgggagcc tggcatttct gccggagagc 1140
80 tttgatgggg acccagcctc caacactgcc ccgctccagc cagagcagct ccaagtgttt 1200
82 gagactctgg aagagatcac aggttaccta tacatctcag catggccgga cagcctgcct 1260
84 gacctcagcg tcttccagaa cctgcaagta atccggggac gaattctgca caatggcgcc 1320
86 tactcgctga ccctgcaagg gctgggcatc agctggctgg ggctgcgctc actgagggaa 1380
88 ctggggcagt gactggccct catccaccat aacacccacc tctgcttcgt gcacacggtg 1440
90 ccctgggacc agctctttcg gaacccgcac caagctctgc tccacactgc caaccggcca 1500
92 gaggacgagt gtgtgggcga gggcctggcc tgccaccagc tgtgcgcccg agggcactgc 1560
94 tgggggtccag ggcccaccca gtgtgtcaac tgcagccagt tccttcgggg ccaggagtgc 1620
96 gtggaggaat gccgagtact gcaggggctc cccaggaggt atgtgaatgc caggcactgt 1680
98 ttgccgtgcc accctgagtg tcagccccag aatggctcag tgacctgttt tggaccggag 1740
100 gctgaccagt gtgtggcctg tgcccactat aaggaccctc ccttctgcgt ggcccgcctgc 1800
102 cccagcggtg tgaaacctga cctctcctac atgcccactc ggaagtttcc agatgaggag 1860
104 ggcgcatgcc agccttgccc catcaactgc acccactcct gtgtggacct ggatgacaag 1920
106 ggctgccccg ccgagcagag agccagccct ctgacgtcca tcgtctctgc ggtgggttggc 1980
108 attctgctgg tcgtggtctt ggggggtggtc tttgggatcc tcatcaagcg acggcagcag 2040
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112 acacctagcg gagcgatgcc caaccaggcg cagatgcgga tcctgaaaga gacggagctg 2160
114 aggaaggtga aggtgcttgg atctggcgct tttggcacag tctacaaggg catctggatc 2220
116 cctgatgggg agaatgtgaa aattccagtg gccatcaaag tgttgaggga aaacacatcc 2280
118 cccaaagcca acaaagaaat cttagacgaa gcatacgtga tggctggtgt gggctcccca 2340
120 tatgtctccc gccttctggg catctgcctg acatccacgg tgcagctggt gacacagctt 2400
122 atgccctatg gctgcctctt agaccatgtc cgggaaaacc gcggacgcct gggctcccag 2460
124 gacctgctga actggtgtat gcagattgcc aaggggatga gctacctgga ggatgtgcgg 2520
126 ctctacaca gggacttggc cgctcggaac gtgctggtca agagtcccaa ccatgtcaaa 2580
128 attacagact tcgggctggc tcggctgctg gacattgacg agacagagta ccatgcagat 2640
130 gggggcaagg tgcccatcaa gtggatggcg ctggagtcca ttctccgccg gcggttcacc 2700
132 caccagagtg atgtgtggag ttatggtgtg actgtgtggg agctgatgac ttttggggcc 2760
134 aaaccttacg atgggatccc agcccgggag atccctgacc tgctggaaaa gggggagcgg 2820
136 ctgccccagc ccccatctg caccattgat gtctacatga tcatggtcaa atgttggtg 2880
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158 cgacctgctg gtgccactct ggaaagggcc aagactctct cccagggaa gaatggggtc 3540
160 gtcaaagacg tttttgcctt tgggggtgcc gtggagaacc ccgagtactt gacacccag 3600
162 ggaggagtct cccctcagcc ccacctcct cctgccttca gccagcctt cgacaacctc 3660
164 tattactggg accaggaccc accagagcgg ggggctccac ccagcacctt caaagggaca 3720
166 cctacggcag agaaccaga gtacctgggt ctggacgtgc cagtgtga 3768
169 <210> SEQ ID NO: 3
170 <211> LENGTH: 531
171 <212> TYPE: DNA

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006

TIME: 09:36:31

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

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174 <220> FEATURE:
175 <223> OTHER INFORMATION: Synthetic construct
177 <400> SEQUENCE: 3
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180 ttctgctggc atcaagaggt gggagggccc tccgaccact tccaggggaa cctgccatgc      120
182 caggaacctg tcctaaggaa ccttccttcc tgcttgagtt cccagatggc tggaaggggt      180
184 ccagcctcgt tggaagagga acagcactgg ggagtctttg tggattctga ggccctgccc      240
186 aatgagactc tagggtccag tggatgccac agcccagctt ggccctttcc ttccagatcc      300
188 tgggtactga aagccttagg gaagctggcc tgagagggga agcggcccta agggagtgtc      360
190 taagaacaaa agcgacccat tcagagactg tccctgaaac ctagtactgc ccccatgag      420
192 gaaggaacag caatggtgtc agtatccagg ctttgtacag agtgcttttc tgtttagttt      480
194 ttactttttt tgttttgttt ttttaaagat gaaataaaga cccaggggga g              531
197 <210> SEQ ID NO: 4
198 <211> LENGTH: 615
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Synthetic construct
205 <400> SEQUENCE: 4
206 tgaaccagaa ggccaagtcc gcagaagccc tgatgtgtcc tcagggagca gggaaggcct      60
208 gacttctgct ggcatacaaga ggtgggaggg ccctccgacc acttccaggg gaacctgcca      120
210 tgccaggaac ctgtcctaag gaaccttcct tcctgcttga gttcccagat ggctggaagg      180
212 ggtccagcct cgttggaaga ggaacagcac tggggagtct ttgtggattc tgaggccctg      240
214 cccaatgaga ctctagggtc cagtggatgc cacagcccag cttggccctt tccttccaga      300
216 tcctgggtac tgaaagcctt agggaaagctg gcctgagagg ggaagcggcc ctaagggagt      360
218 gtctaagaac aaaagcgacc cattcagaga ctgtccctga aacctagtag tgccccccat      420
220 gaggaaggaa cagcaatggt gtcagtatcc aggctttgta cagagtgtct ttctgttttag      480
222 tttttacttt ttttgttttg tttttttaaa gacgaaataa agaccaggg gagaatgggt      540
224 gttgtatggg gaggaagtg tgggggggtcc ttctccacac ccactttgtc catttgcaaa      600
226 tatattttgg aaac              615
229 <210> SEQ ID NO: 5
230 <211> LENGTH: 310
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Synthetic construct
237 <400> SEQUENCE: 5
238 tgaaccagaa ggccaagtcc gcagaagccc tgatgtgtcc tcagggagca gggaaggcct      60
240 gacttctgct ggcatacaaga ggtgggaggg ccctccgacc acttccaggg gaacctgcca      120
242 tgccaggaac ctgtcctaag gaaccttcct tcctgcttga gttcccagat ggctggaagg      180
244 ggtccagcct cgttggaaga ggaacagcac tggggagtct ttgtggattc tgaggccctg      240
246 cccaatgaga ctctagggtc cagtggatgc cacagcccag cttggccctt tccttccaga      300
248 tcctgggtac              310
251 <210> SEQ ID NO: 6
252 <211> LENGTH: 219
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial
256 <220> FEATURE:

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006

TIME: 09:36:31

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

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257 <223> OTHER INFORMATION: Synthetic construct
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262 ggagaaacca ggggagcccc ccgggcagcc gcgcgcccct tcccacgggg ccctttactg      120
264 cgccgcgcgc ccggccccc cccctcgcag caccgcgcgc cccgcgcccct cccagccggg      180
266 tccagccgga gccatggggc cggagccgca gtgagcacc      219
269 <210> SEQ ID NO: 7
270 <211> LENGTH: 104
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Synthetic construct
277 <400> SEQUENCE: 7
278 ccttccttcc tgcttgagtt cccagatggc tggaaggggt ccagcctcgt tggaagagga      60
280 acagcactgg ggagtctttg tggattctga ggccctgccc aatg      104
283 <210> SEQ ID NO: 8
284 <211> LENGTH: 73
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Synthetic construct
291 <400> SEQUENCE: 8
292 cttttctggt tagtttttac tttttttggt ttgttttttt aaagatgaaa taaagaccca      60
294 ggggagaatg ggt      73
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298 <211> LENGTH: 73
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Synthetic construct
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312 <211> LENGTH: 73
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Synthetic construct
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326 <211> LENGTH: 73
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Synthetic construct
333 <400> SEQUENCE: 11

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006

TIME: 09:36:31

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

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334 cttttctggt tagtttttac tttttttggt ttgttttttt aaagacgaaa taaagaccca 60
336 ggggggggatg ggt 73
339 <210> SEQ ID NO: 12
340 <211> LENGTH: 73
341 <212> TYPE: DNA
342 <213> ORGANISM: Artificial
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Synthetic construct
347 <400> SEQUENCE: 12
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350 ggggaaaatg ggt 73
353 <210> SEQ ID NO: 13
354 <211> LENGTH: 73
355 <212> TYPE: DNA
356 <213> ORGANISM: Artificial
358 <220> FEATURE:
359 <223> OTHER INFORMATION: Synthetic construct
361 <400> SEQUENCE: 13
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364 ggggaagatg ggt 73
367 <210> SEQ ID NO: 14
368 <211> LENGTH: 73
369 <212> TYPE: DNA
370 <213> ORGANISM: Artificial
372 <220> FEATURE:
373 <223> OTHER INFORMATION: Synthetic construct
375 <400> SEQUENCE: 14
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378 gggggaaaatg ggt 73
381 <210> SEQ ID NO: 15
382 <211> LENGTH: 73
383 <212> TYPE: DNA
384 <213> ORGANISM: Artificial
386 <220> FEATURE:
387 <223> OTHER INFORMATION: Synthetic construct
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392 ggggaggatg ggt 73
395 <210> SEQ ID NO: 16
396 <211> LENGTH: 73
397 <212> TYPE: DNA
398 <213> ORGANISM: Artificial
400 <220> FEATURE:
401 <223> OTHER INFORMATION: Synthetic construct
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409 <210> SEQ ID NO: 17
410 <211> LENGTH: 73

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006
TIME: 09:36:32

Input Set : A:\Her2SeqLst.txt
Output Set: N:\CRF4\05252006\J579500.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28
Seq#:29,30

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/579,500

DATE: 05/25/2006

TIME: 09:36:32

Input Set : A:\Her2SeqLst.txt

Output Set: N:\CRF4\05252006\J579500.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date